ABSTRACT OF THE INVENTION

The present invention is directed to a method and system for compiling a markup language file into an executable application or library dll. The system may also compile a code-behind file associated with the markup language file. The compiling system may include a parser for parsing the markup language file and providing the compiling system with detailed token information to the compiling system. This token information could be user code snippets or non-code token information such as tags, properties or events in the markup. The compiling system may also include a binary file generator for generating a binary file from the non-code token information, wherein the binary file contains one record for each non-code token. Additionally, the system may include a code generator for generating a language-independent tree of code expressions based on the token information, wherein the code expressions represent the markup language file as a class. A compiler may compile the binary files and code files to create an executable application.